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# thread

Last modified: Thursday, October 24, 2002

(1) In online discussions, a series of messages that have been posted as replies to each other. A single forum or conference typically contains many threads covering different subjects. By reading each message in a thread, one after the other, you can see how the discussion has evolved. You can start a new thread by posting a message that is not a reply to an earlier message.

(2) In programming, a part of a program that can execute independently of other parts. Operating systems that support multithreading enable programmers to design programs whose threaded parts can execute concurrently.

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[Multithreaded programming FAQ](#)

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FAQ and summary on multithreaded programming from the [omp.programming.threads](#) newsgroup.

#### Sun's threads page

Provides links to information on threads and multithreads, FAQs, user and man guides, example programs that use threads, and links to related sites containing papers and bibliographies.

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## multithreading

Last modified: Thursday, October 24, 2002

The ability of an operating system to execute different parts of a program, called *threads*, simultaneously. The programmer must carefully design the program in such a way that all the threads can run at the same time without interfering with each other.

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A comprehensive explanation of these three threading techniques.

#### [Multithreading and scalable input/output project](#)

Contains details on a project that explores the use of multithreading techniques to improve I/O performance in parallel programs.

#### [Multi-threading in Java](#)

Introduces basic mechanisms and demonstrates how to apply them in the most common cases.

#### [Multithreading resource page](#)

Contains a small collection of links to multithreading Web sites, research projects, and companies.

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### Simultaneous multithreading project

Provides a project overview and related papers.

### Sun's threads page

Provides links to information on threads and multithreads, FAQs, user and man guides, example programs that use threads, and links to related sites containing papers and bibliographies.

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